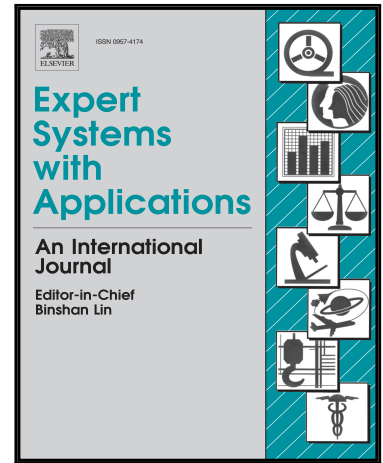


## Accepted Manuscript

### VIEWPOINT PROJECTION BASED DEEP FEATURE LEARNING FOR SINGLE AND DYADIC ACTION RECOGNITION

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**Highlights**

- A method that can be used for single and dyadic action recognition is proposed.
- Depth sequences are concatenated to construct a 3D isosurface.
- Different views of 3D volume are mapped to 2D deep features with pre-trained CNN.
- Experiments carried out with datasets commonly used by the community.
- The results of the deep features from different layers of the CNN are compared.

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